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# 1999 Cancer Incidence Report

Maine Department of Human Services

Maine Center for Disease Control and Prevention

Maine Cancer Registry

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# **1999 Cancer Incidence Report**

## **Maine Cancer Registry**



**DEPARTMENT OF HEALTH AND HUMAN SERVICES  
DIVISION OF COMMUNITY HEALTH  
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AUGUSTA, ME 04333  
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**Commissioner John R. Nicholas  
March 2004**

Both Sexes					
Cancer Type	Count	AAR	Lower CI	Upper CI	SEER Whites
All Sites	6636	471.6	460.3	483.2	489.0
Breast	968	69.0	64.7	73.6	78.4
Lung	1009	71.1	66.8	75.7	65.4
Colorectal	861	60.6	56.6	64.9	54.6
Melanoma	249	18.0	15.8	20.4	20.7
Oropharyngeal	153	10.8	9.2	12.7	10.3
Esophageal	76	5.3	4.2	6.8	4.9
Stomach	93	6.5	5.3	8.1	7.3
Liver	61	4.4	3.3	5.7	4.7
Pancreas	156	10.9	9.3	12.9	10.6
Larynx	61	4.3	3.3	5.6	4.1
Bladder	372	26.3	23.6	29.1	23.3
Kidney	169	12.1	10.3	14.1	11.5
Brain & CNS	94	7.0	5.6	8.6	7.5
Thyroid	60	4.5	3.4	5.9	7.4
Hodgkin's	37	2.9	2.0	4.1	3.0
NHL	237	16.9	14.8	19.3	20.2
Multiple Myeloma	85	6.0	4.8	7.5	4.9
Leukemia	154	11.3	9.6	13.3	12.3

Maine rates are significantly lower than the SEER White rates.

Maine rates are significantly higher than the SEER White rates.

Note: All rates are calculated per 100,000 and age-adjusted to the 2000 US Population Standard.

SEER: Surveillance, Epidemiology, and End Results (national comparison)

AAR: Age Adjusted Rate

CI: 95% Confidence Interval

Produced by: Maine Cancer Registry

Bureau of Health

March 2004

**1999 Age-Adjusted Cancer Incidence Rates per 100,000 (2000 US Population) in Maine**

Cancer Type	Males				
	Count	AAR	Lower CI	Upper CI	SEER Whites
All Sites	3417	554.0	535.4	573.3	567.8
Breast	12	1.9	1.0	3.6	1.1
Lung	581	93.3	85.8	101.5	82.1
Prostate	981	157.8	148.0	168.2	167.5
Colorectal	430	71.1	64.4	78.4	64.9
Melanoma	131	21.5	17.9	25.8	25.5
Oropharyngeal	101	15.8	12.9	19.5	15.2
Esophageal	57	9.3	7.0	12.3	8.4
Stomach	62	10.0	7.7	13.1	10.5
Liver	47	7.6	5.6	10.3	7.1
Pancreas	79	12.7	10.1	16.1	12.1
Larynx	42	6.7	4.8	9.3	6.9
Testicular	33	5.4	3.7	7.8	6.3
Bladder	269	44.5	39.3	50.4	40.9
Kidney	109	17.3	14.2	21.1	15.9
Brain & CNS	54	8.6	6.4	11.4	9.1
Thyroid	12	1.8	0.9	3.4	4.0
Hodgkin's	24	4.0	2.5	6.2	3.2
NHL	123	19.9	16.5	24.0	24.7
Multiple Myeloma	50	8.1	6.0	10.9	6.3
Leukemia	90	15.0	12.0	18.7	16.3

Maine rates are significantly lower than the SEER White rates.

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Note: Standard.

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Produced by: Maine Cancer Registry

Bureau of Health

March 2004

**1999 Age-Adjusted Cancer Incidence Rates per 100,000 (2000 US Population) in Maine**

<b>Cancer Type</b>	<b>Females</b>				
	<b>Count</b>	<b>AAR</b>	<b>Lower CI</b>	<b>Upper CI</b>	<b>SEER Whites</b>
All Sites	3217	416.9	402.5	431.9	438.1
Breast	956	126.0	118.1	134.4	144.7
Lung	428	54.6	49.5	60.2	53.7
Colorectal	431	53.0	48.1	58.4	46.8
Melanoma	118	16.2	13.4	19.5	17.4
Cervical	54	7.5	5.6	10.0	7.6
Oropharyngeal	52	6.8	5.1	9.1	6.2
Esophageal	19	2.1	1.3	3.5	2.0
Stomach	31	3.8	2.6	5.6	5.0
Liver	14	1.8	1.0	3.2	2.6
Pancreas	77	9.3	7.3	11.8	9.2
Larynx	19	2.5	1.5	4.1	1.8
Uterine	208	27.7	24.1	31.9	26.6
Ovarian	116	15.5	12.7	18.7	18.2
Bladder	103	12.7	10.4	15.6	10.5
Kidney	60	8.0	6.0	10.4	7.9
Brain & CNS	40	5.7	4.0	7.9	6.2
Thyroid	48	7.0	5.1	9.4	10.7
Hodgkin's	13	2.0	1.1	3.6	3.0
NHL	112	14.5	11.9	17.7	16.7
Multiple Myeloma	35	4.4	3.0	6.2	3.8
Leukemia	64	8.6	6.6	11.2	9.2

Maine rates are significantly lower than the SEER White rates.

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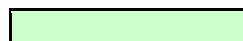
Produced by: Maine Cancer Registry

Bureau of Health

March 2004

**ALL CANCERS, 1999**

County	Both Sexes				Males				Females			
	Count	AAR	Lower CI	Upper CI	Count	AAR	Lower CI	Upper CI	Count	AAR	Lower CI	Upper CI
Androscoggin	523	466.5	427.3	509.3	256	537.6	473.3	610.3	267	427.3	376.7	484.5
Aroostook	421	453.2	410.6	500.2	237	568.4	497.4	649.2	184	374.7	321.5	436.3
Cumberland	1323	482.2	456.5	509.3	647	558.2	515.6	604.3	675	437.6	404.9	472.9
Franklin	137	426.6	357.8	507.9	77	553.4	433.4	704.2	60	346.8	263.4	454.5
Hancock	311	500.4	446.1	561.2	152	564.9	476.9	668.4	159	476.3	404.1	560.9
Kennebec	640	496.9	459.1	537.8	343	608.0	544.6	678.6	297	415.5	369.2	467.4
Knox	233	470.2	411.2	537.4	116	527.0	435.0	637.5	117	433.3	356.4	525.9
Lincoln	226	503.7	439.6	576.6	122	592.8	491.2	714.3	104	452.4	368.1	554.9
Oxford	306	465.3	414.3	522.4	169	557.3	475.6	652.5	136	384.6	321.6	459.2
Penobscot	754	505.3	469.7	543.4	349	533.3	477.4	595.4	405	492.3	445.3	544.1
Piscataquis	116	514.3	424.2	622.5	59	575.6	436.5	755.4	57	458.4	344.2	607.3
Sagadahoc	164	465.2	396.4	545.5	90	594.4	475.4	741.3	74	380.0	297.5	483.6
Somerset	311	550.0	490.4	616.7	167	675.6	574.8	793.2	144	471.9	397.4	559.8
Waldo	183	464.2	399.0	539.6	103	570.2	463.2	700.6	80	384.5	304.5	484.3
Washington	234	548.0	479.3	626.1	143	726.9	611.3	863.2	91	393.7	315.3	490.5
York	750	379.6	352.9	408.3	383	439.1	395.6	487.4	367	338.3	304.4	375.8
Maine	6636	471.6	460.3	483.2	3417	554.0	535.4	573.3	3217	416.9	402.5	431.9

 County rates are significantly lower than the Maine rates.

 County rates are significantly higher than the Maine rates.

Note: All rates are calculated per 100,000 and age-adjusted to the 2000 US Population Standard.

AAR: Age Adjusted Rate

CI: 95% Confidence Interval

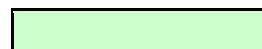
Produced by: Maine Cancer Registry

Bureau of Health

March 2004

**FEMALE BREAST CANCER, 1999**

County	Females			
	Count	AAR	Lower CI	Upper CI
Androscoggin	74	120.8	94.4	154.2
Aroostook	58	118.9	89.8	156.6
Cumberland	219	147.5	128.5	169.2
Franklin	15	86.0	47.5	149.9
Hancock	48	148.4	108.9	201.0
Kennebec	97	136.0	110.1	167.7
Knox	31	120.3	80.5	177.3
Lincoln	27	118.2	77.2	178.2
Oxford	37	106.0	74.1	150.1
Penobscot	118	144.2	119.3	174.1
Piscataquis	17	134.3	77.2	226.3
Sagadahoc	20	101.6	61.6	163.5
Somerset	43	144.6	104.3	198.9
Waldo	24	113.3	72.3	174.4
Washington	29	126.5	83.8	188.1
York	100	92.1	74.8	113.1
Maine	956	126.0	118.1	134.4



County rates are significantly lower than the Maine rates.



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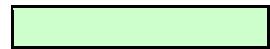
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## PROSTATE CANCER, 1999

County	Males			
	Count	AAR	Lower CI	Upper CI
Androscoggin	73	157.7	123.3	201.1
Aroostook	85	199.9	159.1	250.4
Cumberland	186	156.9	135.0	182.1
Franklin	26	178.2	115.6	270.1
Hancock	41	150.5	107.2	209.4
Kennebec	112	198.6	163.1	241.4
Knox	26	114.3	74.4	172.9
Lincoln	41	193.1	138.1	268.0
Oxford	62	200.1	152.9	260.8
Penobscot	87	134.9	107.3	169.1
Piscataquis	11	102.0	50.1	195.4
Sagadahoc	24	165.7	104.7	257.2
Somerset	50	198.0	145.8	267.3
Waldo	29	165.8	109.7	246.9
Washington	32	161.9	110.1	235.3
York	96	109.9	88.7	136.0
Maine	981	157.8	148.0	168.2



County rates are significantly lower than the Maine rates.



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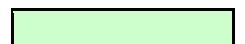
Produced by: Maine Cancer Registry

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## LUNG CANCER, 1999

County	Both Sexes				Males				Females			
	Count	AAR	Lower CI	Upper CI	Count	AAR	Lower CI	Upper CI	Count	AAR	Lower CI	Upper CI
Androscoggin	88	77.9	62.4	97.0	51	105.9	78.6	141.8	37	56.6	39.5	80.4
Aroostook	55	56.7	42.6	75.0	35	81.8	56.6	116.9	20	38.9	23.6	62.6
Cumberland	189	69.1	59.5	80.0	102	88.4	71.9	108.4	87	55.7	44.5	69.6
Franklin	15	45.1	25.0	78.2	7	47.6	18.4	108.2	8	43.7	18.4	94.0
Hancock	52	82.0	61.1	109.4	28	101.5	66.7	152.3	24	71.4	45.6	109.9
Kennebec	87	67.3	53.8	83.8	56	97.1	73.2	128.2	31	44.3	30.0	64.6
Knox	38	75.5	53.2	106.2	19	86.9	52.0	141.6	19	64.5	38.3	105.7
Lincoln	36	77.5	54.1	109.8	20	97.5	59.1	156.9	16	62.9	35.5	107.5
Oxford	52	77.6	57.8	103.4	29	95.6	63.6	141.7	23	63.7	40.0	99.3
Penobscot	117	78.4	64.8	94.8	61	93.0	70.6	122.0	56	68.0	51.3	89.7
Piscataquis	21	91.4	56.3	145.2	15	146.1	80.8	254.2	6	43.3	15.2	105.2
Sagadahoc	25	70.6	45.5	107.8	15	90.6	50.0	158.1	10	51.3	24.2	101.5
Somerset	42	73.9	53.1	101.9	30	133.3	88.5	197.8	12	39.8	20.3	73.8
Waldo	27	66.5	43.7	99.9	15	76.9	42.6	133.9	12	59.4	30.3	110.3
Washington	41	93.6	66.9	129.7	32	153.5	104.6	222.5	9	39.1	17.5	80.4
York	124	62.7	52.1	75.3	66	75.2	57.9	97.2	58	52.9	40.1	69.5
Maine	1009	71.1	66.8	75.7	581	93.3	85.8	101.5	428	54.6	49.5	60.2



County rates are significantly lower than the Maine rates.



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**COLORECTAL CANCER, 1999**

County	Both Sexes				Males				Females			
	Count	AAR	Lower CI	Upper CI	Count	AAR	Lower CI	Upper CI	Count	AAR	Lower CI	Upper CI
Androscoggin	60	52.3	39.8	68.3	27	58.3	38.2	87.6	33	50.2	34.3	72.6
Aroostook	64	67.5	51.9	87.4	34	84.1	57.8	121.1	30	58.3	39.0	86.0
Cumberland	179	64.2	55.1	74.7	92	81.2	65.3	100.9	87	52.4	41.8	65.5
Franklin	22	67.9	42.3	106.6	11	81.0	38.9	157.6	11	61.6	30.3	117.6
Hancock	36	57.0	39.8	80.8	15	54.5	30.0	95.3	21	57.2	35.0	91.2
Kennebec	82	63.4	50.4	79.6	38	70.1	49.1	99.0	44	59.0	42.6	81.0
Knox	27	51.4	33.7	77.1	13	59.0	31.1	106.9	14	48.5	26.2	86.1
Lincoln	25	54.9	35.4	83.8	12	56.6	28.9	105.2	13	51.5	27.0	93.5
Oxford	34	51.3	35.4	73.5	19	63.0	37.7	102.6	15	36.5	20.2	63.4
Penobscot	95	63.9	51.7	78.9	38	60.2	42.1	85.4	57	68.0	51.4	89.5
Piscataquis	15	64.1	35.6	111.2	7	69.6	27.0	158.7	8	59.4	24.7	128.6
Sagadahoc	21	61.5	37.8	97.6	12	80.7	40.8	151.0	9	46.1	20.7	94.5
Somerset	46	81.0	59.2	110.1	19	75.7	45.2	123.6	27	87.3	57.3	131.0
Waldo	31	80.0	54.1	116.9	20	112.7	67.2	183.9	11	54.0	26.5	103.5
Washington	41	92.4	66.1	128.1	25	121.8	78.4	185.9	16	63.3	35.6	108.6
York	83	41.9	33.3	52.4	48	55.8	40.7	75.8	35	31.0	21.5	44.2
Maine	861	60.6	56.6	64.9	430	71.1	64.4	78.4	431	53.0	48.1	58.4

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